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<110> SANTI, DANIEL V.
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KODUMAL, SARAH J.
JAYARAJ, SEBASTIAN

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<150> US 60/414,085

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<211> 4238

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<223> Synthetic construct

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<220>

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<220>
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1 5

<210> 13
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<212> PRT
<213> Artificial Sequence

<220>
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<400> 13
Gly Thr Asn Ala His Val
1 5

<210> 14
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
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<400> 14
Pro Gly Gln Gly Ala Gln
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<210> 15
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<220>
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<400> 15
Pro Arg Pro His Arg Pro
1 5

<210> 16
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<212> PRT
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<220>
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<400> 16
Pro Leu Arg Ala Gly Glu
1 5

<210> 17
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
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<400> 17
Thr Gly Gly Thr Gly Thr
1 5

<210> 18
<211> 6
<212> PRT
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<220>
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<400> 18
Phe Ala Asp Ser Ala Pro
1 5

<210> 19
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<212> PRT
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<220>
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<400> 19
Glu Pro Ile Ala Ile Val
1 5

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<220>
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gagggaatt 69

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<211> 36
<212> DNA
<213> Artificial Sequence

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<400> 22
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<210> 23
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<212> DNA
<213> Artificial Sequence

<220>
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<400> 23
caatgcatcg atcactagct gaggg 25

<210> 24
<211> 36
<212> DNA
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<400> 24
agcggccgcc ctcagctata tcgctatcga tgagct 36

<210> 25
<211> 29
<212> DNA
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<220>
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<400> 25
ccctcagcta gtgatcgatg cattgagct 29

<210> 26
<211> 42
<212> DNA
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<220>
<223> Synthetic Construct

<220>
<221> misc_feature
<222> 1, 2, 3, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 26, 32, 39, 40, 41, 42
<223> n = A,T,C or G

<400> 26
nnnggtctcn nnnnnnnnnn nnnnnngatc gngtcttcnn nn

42

<210> 27
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<222> 1, 2, 3, 10, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26,
27, 28, 29, 30, 31, 32, 39, 40, 41, 42
<223> n = A,T,C or G

<400> 27
nnnctcttcn gatcgnnnnn nnnnnnnnnn nngtcttcnn nn

42

<210> 28
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22, 23, 24, 25, 26
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<400> 28
nnnggtctcn nnnnnnnnnn nnnnnn

26

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<212> DNA
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<220>
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<222> 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,
 22, 29, 30, 31, 32, 33
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<400> 29
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<210> 30
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<220>
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<220>
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 41, 42, 43, 44, 45, 46, 47, 48, 55, 56, 57, 58, 59
 <223> n = A,T,C or G

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<210> 31
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<400> 31
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<210> 32
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<400> 32
 ccctcagcta gtgatcgatg cattgagct 29

<210> 33
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<400> 33
 tgagggcggc cgct
 14

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<222> 5, 6, 7, 8, 9, 10, 11, 12 13, 14, 15, 16, 17, 18, 19,
20, 21, 28, 29, 30
<223> n = A,T,C or G

<400> 34
gacnnnnnnn nnnnnnnnnn ngagaccnnn

30

<210> 35
<211> 29
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<220>
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<220>
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<222> 1, 2, 3, 4, 5, 12, 13, 14 15, 16, 17, 18, 19, 20, 21,
22, 23, 24, 25, 26, 27, 28
<223> n = A,T,C or G

<400> 35
nnnnngaaga cnnnnnnnnn nnnnnnnnc

29

<210> 36
<211> 60
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41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 58, 59, 60
<223> n = A,T,C or G

<400> 36
nnnnngaag acnnnnnnnnn nnnnnnnnc gacnnnnnnn nnnnnnnnnn ngagaccnnn 60